BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: WIDENING OF ROAD FROM NH-7 TO SWD BRIDGE ALONG JAKKUR ROAD NEAR RAITHRE SANTHE WARD NO:1.

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Sl. NO	DESCRRIPTION OF ITEM	UNIT	QTTY	RATE IN FIGURES	RATE IN WORDS	AMOUNT
	SITE CLEARANCE AND DISMANTLING					
1	Dismantling of barbed wire fencing / wire mesh fencing including posts, foundation concrete, back filling of pit by manual means including disposal of dismantled material with all lifts and stacking serviceable material and unserviceable material separately complete as per specifications. MORTH Specification No. 202and inclusive of all lead and lift and as per directions of Engineer-in-charge.	Rmt	200.00	30.24	Rupees Thirty and Twenty Four Paise Only	6048.00
2	Cutting of trees girth from 300mm to 600mm including cutting of trunks, branches and removal of stumps stacking of serviceable materials earth filling in the depressions / pit, labour charges complete as per specifications. MORTH specification clause 201/ Chapter 2 600mm to 900mm and inclusive of all lead and lift and as per directions of Engineer-in-charge.	No	10.00	270	Rupees Two Hundred Seventy Only	2700.00
3	KSRRB 200-8. Clearing and grubbing road land including uprooting rank vegetation, grass, brush, shrubs, saplings and trees of girth upto 300mm,by manual means, in area of light jungle, removal of stumps, disposal of unserviceable materials, stacking of serviceable materials labour charges complete as per specifications.and inclusive of all lead and lift and as per directions of Engineer-in-charge.	Sqm	1500.00	4.54	Rupees Four and Fifty Four Paise Only	6810.00
4	For dismantling of existing structures and other miscellenous works etc complete and inclusive of all lead and lift and as per directions of Engineer-in-charge.	day	6.00	7257.6	Rupees Seven Thousand Two Hundred Fifty Seven and Sixty Paise Only	43545.60
	For dismantling of existing structures and other miscellenous works etc complete and inclusive of all lead and lift and as per directions of Engineer-in-charge.	day	6.00	2073.6	Rupees Two Thousand Seventy Three and Sixty Paise Only	12441.60
5	Dismantling of existing structures like culverts, bridges,retaining walls and other structure comprising of masonry, cement concrete,wood work, steel work, including T&P and scaffolding wherever necessary,sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specificationsand inclusive of all lead and lift and as per directions of Engineer-in-charge.	Cum	100.00	276.48	Rupees Two Hundred Seventy Six and Forty Eight Paise Only	27648.00
	FORMATION OF ROAD AND ASPHALTING					
6	Excavation for road way in soil by mechanical means including cutting and pushing the earth to site of embankment upto a including trimming bottom and side slopes in accordance with requirements of lines, grades and cross sections complete as per specifications. MORTH Specification No. 301and lead 10km lead and inclusive of all lead and lift and as per directions of Engineer-in-charge.	Cum	1080.00	165.02	Rupees One Hundred Sixty Five and Two Paise Only	178221.60

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7	Construction of embankment with approved material deposited at site from roadway cutting and excavation from drain and foundation of other structures graded and compacted to meet requirement of Table 300-2 complete asper specifications which includes . watering charges & compaction by vibratory roller) MORTH Specification No. 305 and inclusive of all lead and lift and as per directions of Engineer-in-charge.	Cum	480.00	67.61	Rupees Sixty Seven and Sixty One Paise Only	32452.80
8	KSRRB 300-58. Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications.MORTH / Chapter 3 and inclusive of all lead and lift and as per directions of Engineer-in-charge.	Sqm	2400.00	3.78	Rupees Three and Seventy Eight Paise Only	9072.00
9	Construction of granular sub base by providing close graded material,mixing in a machanical mix plant at OMC, carriage of mixed material to work site,spreding in uniform layers with motar grader on prepared surface and compacting with vibratory power roller to achieve the desired density,complete as per specifications For grading II meterial and inclusive of all lead and lift and as per directions of Engineer-in-charge.	Cum	600.00	1002.51	Rupees One Thousand Two and Fifty One Paise Only	601506.00
10	Providing laying Compacting graded stone agregates to wet mix mecadam specification including premixing the material with water at OMC in mechanical mix plant carriage of mixed material by tipper to site, laying in uniform layers with paver in Sub base/base coarse on well prepared surface & compacting with vibratory roller to achioeve the desire density complete as per specifications and inclusive of all lead and lift and as per directions of Engineer-in-charge.	Cum	600.00	1111.59	Rupees One Thousand One Hundred Eleven and Fifty Nine Paise Only	666954.00
11	Providing and applying primer coat with bitumen emulsion on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. MORTH Specification No. 502 and inclusive of all lead and lift and as per directions of Engineer-in-charge.	Sqm	3600.00	39.64	Rupees Thirty Nine and Sixty Four Paise Only	142704.00
12	Providing and laying bituminous macadam on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant 40 tonne capacity, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, 50 /75mm compacted thickness with 3.3% bitumen but excluding cost of primer / tack coat with lead upto 1km including cost of all materials, labour, HOM of machineries complete as per specifications.MORTH /Chapter 5 With 60/70 grade bitumenand inclusive of all lead and lift and as per directions of Engineer-in-charge.	Cum	180.00	6252.39	Rupees Six Thousand Two Hundred Fifty Two and Thirty Nine Paise Only	1125430.20
13	Tack Coat:- Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.20 kg per sqm on the prepared bituminous/granular surface cleaned with mechancial broom. complete as per specifications. MORTH Specification No. 503 21.10.1 - do - using bitumen emulsion and inclusive of all lead and lift and as per directions of Engineer-in-charge.	Sqm	7200.00	10.8	Rupees Ten and Eighty Paise Only	77760.00

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14	SRRB M500-19. Providing and laying bituminous concrete with 100-120 TPH batch type hot mix plant producing an average output of 75 tonnes per hour using crushed aggregates of specified grading ,premixed with bituminous binder at 5.4 to 5.6% of mix and filler,transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.9 complete in all respects as per specifications. 30-45mm compacted thickness (Grading II) with 6% Bitumen 60/70 and inclusive of all lead and lift and as per directions of Engineer-in-charge.	Cum	136.80	10517.31	Rupees Ten Thousand Five Hundred Seventeen and Thirty One Paise Only	1438768.01
	CONSTRUCTION OF DRAINS					
15	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications.MORTH Chapter 3 and inclusive of all lead and lift and as per directions of Engineer-in-charge.	Cum	600.00	148.47	Rupees One Hundred Forty Eight and Forty Seven Paise Only	89082.00
16	Providing and laying in position plain cement concrete of mix M7.5 with OPC cement @ 180kgs. with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregtes @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth,including cost of all materials, labour, HOM of machinery, curing complete as per specifications.and inclusive of all lead and lift and as per directions of Engineer-in-charge.	Cum	50.00	3884.76	Rupees Three Thousand Eight Hundred Eighty Four and Seventy Six Paise Only	194238.00
17	Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete for RCC works laid in 15 cm thick layers and well compacted including vibrating curing etc., including smooth finish in CM 1:3, with all lead and lift etc., complete. (exculsive of cost of steel and fabrication charges) 4.49.1 - do - Ready mixed Cement concrete for Beams, Columns, Staircase and Roof with M-20 (Cement-320 Kg/cum) and inclusive of all lead and lift and as per directions of Engineer-in-charge.	Cum	202.50	5637.6	Rupees Five Thousand Six Hundred Thirty Seven and Sixty Paise Only	1141614.00
18	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.and inclusive of all lead and lift and as per directions of Engineer-in-charge.	mton	10.50	73234.8	Rupees Seventy Three Thousand Two Hundred Thirty Four and Eighty Paise Only	768965.40
19	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specificaitons and inclusive of all lead and lift and as per directions of Engineer-in-charge.	Sqm	1900.00	244.08	Rupees Two Hundred Forty Four and Eight Paise Only	463752.00
20	Providing pre cast slabs of size 1.0x.60m for drain covering slaband inclusive of all lead and lift and as per directions of Engineer-in-charge.	Sqm	500.00	1245	Rupees One Thousand Two Hundred Forty Five Only	622500.00

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21	Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth. compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications.and inclusive of all lead and lift and as per directions of Engineer-in-charge.	Cum	120.00	90.72	Rupees Ninety and Seventy Two Paise Only	10886.40
	MEDIANS AND ROAD FURNITURES					
22	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803 and inclusive of all lead and lift and as per directions of Engineer-in-charge.	Sqm	60.00	429.84	Rupees Four Hundred Twenty Nine and Eighty Four Paise Only	25790.40
23	Providing and fixing Pre cast solid concrete kerb stones made out of CC 1:2:4 and finished with CM 1:3 plastering and finishing cutting etc., complete.of size 450x200x400mm and inclusive of all lead and lift and as per directions of Engineer-in-charge.	No	2500.00	289.44	Rupees Two Hundred Eighty Nine and Forty Four Paise Only	723600.00
24	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specificatins. Specification No.KRBS 800.3 MORT & H Specification No.800.and inclusive of all lead and lift and as per directions of Engineer-in-charge.	Sqm	270.00	46.7	Rupees Forty Six and Seventy Paise Only	12609.00

DRAFT TENDER SCHEDULE
MAY BE "APPROVED"
24/01/23

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